

Converting Colors

XYZ(64.9463, 45.7838, 22.6097)

Have a look what the booklet for
XYZ(64.9463, 45.7838, 22.6097)
contains.

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Color

**XYZ(53.0351, 39.6182,
21.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8676
RGB	255, 134, 118
RGB Percent	100%, 53%, 46%
CMY	0.0000, 0.4745, 0.5372
CMYK	0.00, 0.47, 0.54, 0.00
HSL	7°, 100%, 73%
HSV	7°, 54%, 100%
XYZ	53.0351, 39.6182, 21.9914
YIQ	168.3550, 77.2520, 20.6760

Conversions

Conversions Part 2

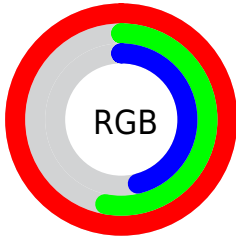
Format	Color
R_{YB}	255, 136, 118
Decimal	16746102
CIE _{Lab}	69.20, 44.41, 29.55
CIE _{LCh}	69, 53.339, 33.638
Yxy	39.6182, 0.4626, 0.3456
Android (android.graphics.Color)	4294936182 (0xFFFF8676)
YUV	168.3550, -24.8250, 75.9877
Hunter-Lab	62.9430, 40.2520, 23.3450

Details

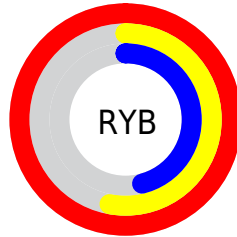
The XYZ color **53.0351, 39.6182, 21.9914** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.3858, 72.8005, 105.6874**, and the grayscale version is **37.4868, 39.4390, 42.9491**.

A 20% lighter version of the original color is **66.6933, 60.5575, 46.2039**, and **26.2647, 17.7839, 7.6785** is the 20% darker color. If you saturate the color by 10%, you get **48.9313, 33.5169, 14.1309**, and if you desaturate by 10%, it is **58.2131, 47.2130, 32.2310**.

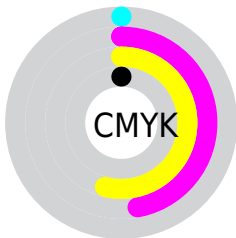
Distribution



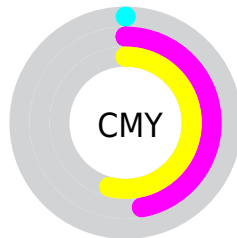
- Red (100%)
- Green (53%)
- Blue (46%)



- Red (100%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (47%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0351, 39.6182, 21.9914 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.0351, 39.6182, 21.9914 by changing the saturation by 10% instead.


 53.0351, 39.6182,
21.9914


 53.0351, 39.6182,
21.9914


388.6784,
344.5117, 275.4534

 38.0584, 27.2410,
13.6523


 93.8212, 74.5818,
47.6338

 26.2054, 17.7543,
7.7433


 120.3614, 97.9369,
65.7742

 17.1109, 10.7737,
3.8457


 151.4867,
125.7202, 88.0188

 10.4094, 5.9149,
1.5411

187.5625,
158.3159, 114.7861

 5.7356, 2.7934,
0.2483

228.9543,
196.1085, 146.4947

 2.7241, 1.0248,
0.0000

276.0273,

 1.0096, 0.0000,

239.4825, 183.5630

0.0000

329.1469,
288.8220, 226.4098

■ 0.0000, 0.0000,
0.0000

■ 53.0351, 39.6182,
21.9914

■ 53.0351, 39.6182,
21.9914

■ 48.9313, 33.5169,
14.1309

■ 58.2131, 47.2130,
32.2310

■ 45.8226, 28.8044,
8.4551

■ 64.5313, 56.3844,
45.0188

■ 43.6232, 25.3723,
4.7421

■ 72.0535, 67.2169,
60.5110

■ 42.2312, 23.0931,
2.7219

■ 80.8381, 79.7871,
78.8507

■ 41.6989, 22.1780,
2.0830

■ 90.9397, 94.1669,
100.1708

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5194, 39.6182, 40.2236



53.0351, 39.6182, 21.9914



45.4217, 39.6182, 13.2458

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0351, 39.6182, 21.9914



24.7843, 39.6182, 25.4550



38.7068, 39.6182, 109.0825

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.0351, 39.6182, 21.9914



56.3858, 72.8005, 105.6874

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.8299, 39.6182, 100.4276



53.0351, 39.6182, 21.9914



23.5397, 39.6182, 46.1888

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.0351, 39.6182, 21.9914



29.2783, 39.6182, 14.6499



25.5806, 39.6182, 74.7558



47.4962, 39.6182, 95.2800

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0351, 39.6182, 21.9914



39.5034, 39.6182, 11.2616



25.5806, 39.6182, 74.7558



35.8669, 39.6182, 108.7216

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.0361, 39.6203, 21.9921



78.7261, 76.7711, 74.4213



63.3008, 40.4500, 86.1453



16.4540, 15.8651, 15.0995



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0361, 39.6203, 21.9921



48.8331, 33.3693, 13.9466



65.7441, 65.0363, 26.2281



18.1803, 18.3287, 18.7239



21.8423, 11.6959, 1.1063



2.1790, 1.2433, 0.1251

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.3858, 72.8005, 105.6874



52.4196, 69.4369, 105.2476



39.9932, 40.0154, 100.2232



18.3630, 20.0976, 23.1613



23.6018, 32.1132, 54.3891



2.3472, 3.2250, 5.3121

Previews

White Background



This preview shows how the XYZ color 53.0351, 39.6182, 21.9914 looks on a white background.

Color Contrast Check

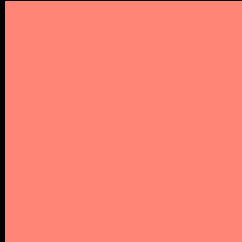
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.0351, 39.6182, 21.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

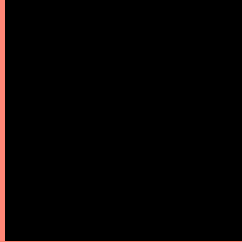
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0351, 39.6182, 21.9914

Background



This preview shows how black text looks on a background with the XYZ color 53.0351, 39.6182, 21.9914.



This preview shows how white text looks on a background with the XYZ color 53.0351, 39.6182,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.0351, 39.6182, 21.9914

Protanopia

37.2440, 39.7727, 27.9042

Deuteranopia

40.5296, 39.7294, 21.1552



Tritanopia

54.2990, 39.6856, 29.9975

Trichromacy



Original Color

53.0351, 39.6182, 21.9914

Protanomaly

41.5169, 38.6008, 25.6846

Deuteranomaly

44.4469, 39.2239, 21.4480

Tritanomaly

53.8612, 39.7285, 27.0199

Monochromacy



Original Color

53.0351, 39.6182, 21.9914

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.2129, 38.2583, 34.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0351, 39.6182, 21.9914 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 118) }
```

Border

The CSS property to change the border of an element to XYZ 53.0351, 39.6182, 21.9914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 134, 118) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 134, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0351, 39.6182, 21.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
134, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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